TRUSCON
STEEL CASEMENTS

Digitized by the Internet Archive
in 2023 with funding from
Columbia University Libraries

https://archive.org/details/trusconcopperste00trus

TRUSCON
COPPER STEEL
STANDARD CASEMENTS

Thoroughly Practical Beautiful and Economical Windows

No. 716

SUPERSEDES NO. 694

TRUSCON STEEL COMPANY, YOUNGSTOWN, OHIO, U.S.A.

ESTABLISHED 1903

WAREHOUSES AND OFFICES IN ALL PRINCIPAL CITIES

SCHOOL BUILDINGS DEPARTMENT, YOUNGSTOWN, OHIO

RAILROAD DEPARTMENT, 165 EAST ERIE STREET, CHICAGO

FOREIGN TRADE DEPARTMENT, 90 WEST STREET, NEW YORK CITY

THE TRUSCON LABORATORIES, DETROIT, MICHIGAN

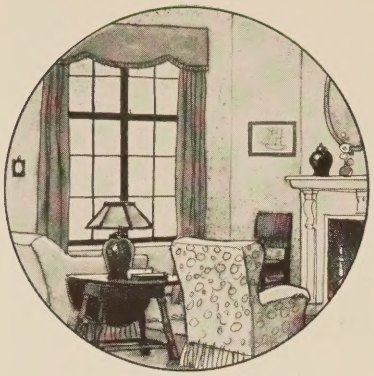
for Waterproofings, Dampproofings, Floor Hardeners and Concrete Coatings

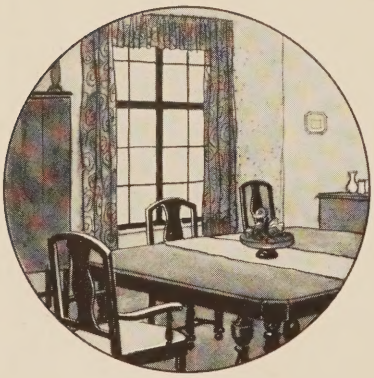
TRUSSED CONCRETE STEEL COMPANY OF CANADA, LIMITED, WALKERVILLE, ONT

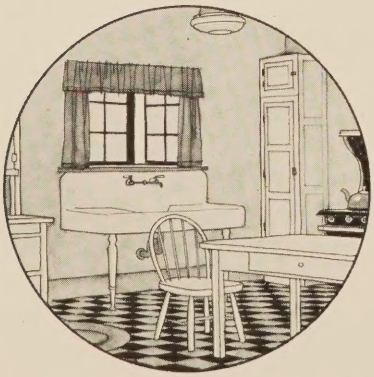
DEALERS EVERYWHERE

© 1927, T. S. C.

PRINTED IN U. S. A.







WINDOW BEAUTY FOR EVERY ROOM

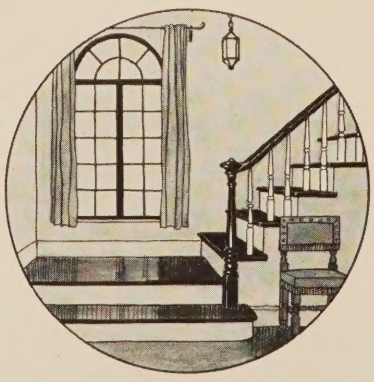
DEEP in his heart every home builder cherishes the ambition to have his home something more than just an ordinary dwelling. He wishes it to reveal those distinctive touches—those outstanding indications of thought and individuality which mark him as a man of true judgment and inherent good taste.

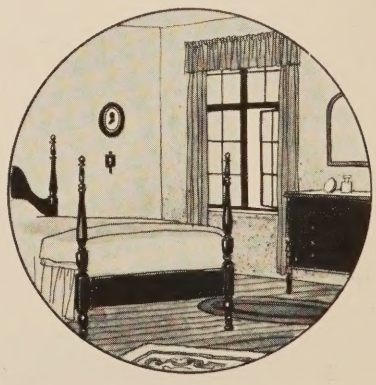
Certainly nowhere in the home design do judgment, personality and good taste manifest themselves more conspicuously than in the choice of windows. It is the windows that give the tone—the distinguishing touch to both interior and exterior of the average dwelling place.

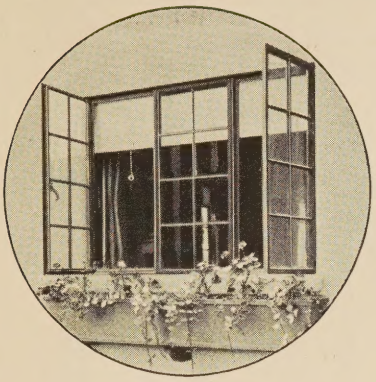
The foregoing in itself accounts for the constantly increasing popularity of Truscon Steel Casements for all rooms of the home. These windows, with their picturesque charm—so reminiscent of the fine ancient castles of Europe—with their beauty, character and friendly atmosphere, are rapidly becoming the choice of discriminating builders throughout America.

The following pages describe in detail the features and various types of Truscon Copper Steel Standard Casements, and illustrate the advantages of utility and economy which these practical windows contribute in addition to their charm and beauty.

All sizes of Truscon Steel Casements are stocked for immediate delivery in our own warehouses, located in principal centers, and by building material dealers.







MODERN WINDOWS

Constant improvement in design and manufacture resulted in low-priced Truscon Casements which are beautiful, strong and thoroughly practical.

They open and close easily, never stick, warp or get out of line. Moreover they open outward, offering 100% ventilation without interfering with the screens or drapes within. Truscon Steel Casements are fireproof, permanent and resist corrosion.

SUPERIOR FEATURES

Rust-Resisting Steel

Casements are made from specially designed hot-rolled bars of rust-resisting copper alloy steel.

Double Contact Weathering

Sash and frames are fabricated of "Z" shape sections, providing wide double bearing contacts on all sides. The sash sections close against the frame with a wide flat two-point contact, insuring weather-tightness.

Continuous Muntins

Both horizontal and vertical muntin bars are the same size and continuous from one edge of frame to other in both directions.

Flush Joints

All surfaces of joints are flush with the face of the muntin bars both inside and outside.

Alignment, Weatherproofness and Anchorage

Hot-rolled head, sub-sill, and jamb angles can be attached to frame for weathering and securely fastening the frame into the brick or masonry wall. They assure perfect alignment, weatherproofness and anchorage. These jamb angles, anchors and head drip and sub-sill accessories are used for casements in masonry walls, as they eliminate wood frames.

Welded Corners

All corners of sash and frame are mitred and electrically welded with the welds inside concealed from view.

Set in Wooden Frames

Truscon Casements can be readily set in wooden frames, omitting the head drip, sub-sill and jamb angle anchors and holding casements in place by using wood screws in holes provided for bolts.

Casement Combinations

Because of the unit method of assembly many different combinations can be made to fill almost any size opening.

Hardware

Truscon Casements are equipped with artistically designed hardware. Bronze hardware if desired.

Hinges

Hinges are heavy pressed steel, with a heavy steel sherardized pin in a brass bushing and securely welded to the frame, reinforcing the corners of the sash. Truscon Casements may be ordered with Extension Hinges. However, casements with Standard Hinges may be readily cleaned from the inside.

Friction Stay

Each hinge unit is equipped with a brass adjustable friction stay. The friction stay is attached to the sash and frame at the top of the window, concealed between the frame and sash when closed. This device is automatic, rigidly holding the window in any desired position.

Screening

Truscon Casements are screened on the inside, offering numerous advantages of economy, longer life and cleanliness.

Operating Through the Screen

The Truscon Flexo-stay permits operation of the Casement Window through the screen, locking the window in any desired position.

Draping

Truscon Casements do not interfere with drapes, because all units open outward, simplifying the hanging and permitting decorative effects.

Glazing

Outside glazing gives a neat interior finish and forms a natural ledge on outside for turning water and preventing leakage. Special spring wire glazing clips are furnished with each casement.

Plate Glass

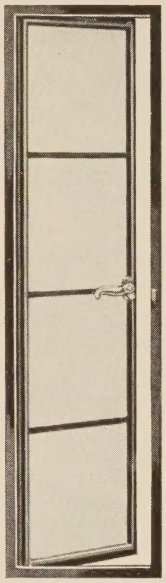
All sash and frame rails are deep enough to allow for the use of plate glass if desired.

Leaded Glass

The muntins are slender, giving a pleasing leaded glass or zinc vane effect. Muntins can be removed or omitted and leaded glass of diamond pattern or any desired effect used.

HINGED UNITS OF TRUSCON STANDARD CASEMENTS

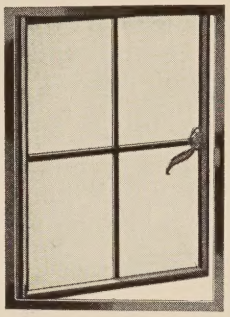
(RIGHT OR LEFT)



DX

GLASS: 10" X 11"

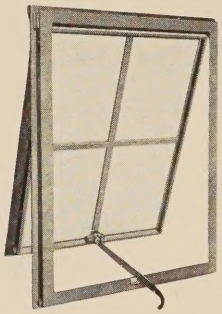
WINDOW OPENING:
1'-1/16" X 3'-11 15/16"



B114

GLASS 8" X 11"

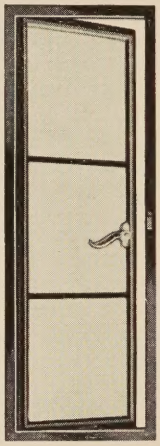
WINDOW OPENING:
1'-7 3/8" X 2'-1 5/16"



BT114

GLASS: 8" X 11"

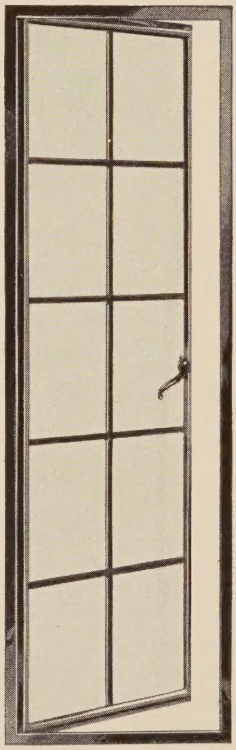
WINDOW OPENING:
1'-7 3/8" X 2'-1 5/16"



CX

GLASS: 10" X 11"

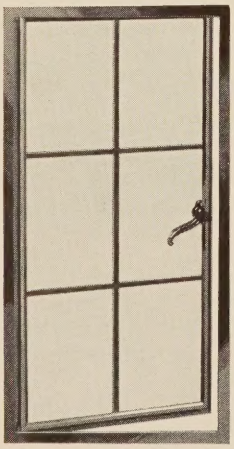
WINDOW OPENING
1'-1 1/16" X 3'-0 5/8"



E1110

GLASS: 8" X 11"

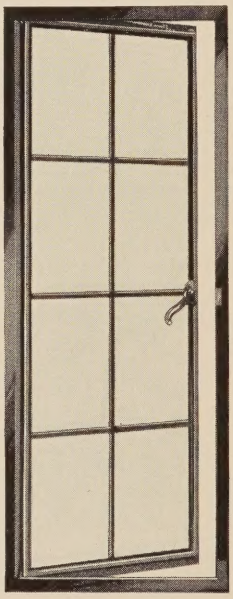
WINDOW OPENING:
1'-7 3/8" X 4'-11 1/4"



C116

GLASS: 8" X 11"

WINDOW OPENING:
1'-7 3/8" X 3'-0 5/8"



D118

GLASS: 8" X 11"

WINDOW OPENING
1'-7 3/8" X 3'-11 15/16"

[WIDTHS AND HEIGHTS OF MULTIPLE UNITS ON PAGE 6]

SPECIFICATIONS

GENERAL

1 All openings shown on the drawings as "Casements" shall be fitted with a standard type of casement as manufactured by the Truscon Steel Company of Youngstown, Ohio. No substitution will be permitted without the written approval of the architect.

SCOPE OF WORK

2 This contractor shall include in his work the furnishing and installation of all Steel Casements complete, including attaching of hardware and supplying glazing clips as called for on drawings and covered in this specification.

WORK NOT INCLUDED

3 Glass, glazing, painting, caulking and painting after erection. Insect screens or any preparation for same.

MATERIAL

4 Truscon specification copper-alloy new billet hot-rolled steel shall be used in the manufacture of all members.

CONSTRUCTION

5 The intersection of the horizontal and vertical muntins shall have a mechanical joint, rigidly interlocking the bars, and in addition the muntins must be continuous from head to sill and from jamb to jamb. (*See note.) The surface of the joints must be flush with the face of the muntin bars on both the inside and the outside. Horizontal and vertical muntin bars to be of the same size and section. The connections of all muntin bars to sash rails are to be tenoned and air hammer-riveted into counter-sunk, mortised holes making a flush surface on outside. All corners of sash and frame mitred and electrically welded. All sash and frame rails to be not less than 1 3/16" deep.

6 Where one or more units are used in each opening, the head and sill members of the frame shall be one continuous section, the entire width of the opening. Vertical mullions shall separate the units so that each casement shall have a complete frame.

7 Two, three, four and five light high casements sidehinged right and left, 8" x 11" glass size, constructed for outside glazing. (The two light high casements can be made top hinged.) Fixed units as shown.

8 All casements are to have two point contact weathering throughout. No pressed steel sections will be allowed.

HARDWARE

9 All casements shall open outwardly unless marked fixed and shall be hung on heavy pressed steel hinges with 3/8" steel sherardized pins in a brass bushing and securely welded to the frame. (†See note.) Each unit equipped with an adjustable friction stay shall be made of brass and attached to the sash and frame at the top of window, concealed between the frame and sash when closed. This device must be automatic, rigidly holding the window open in any desired position. Friction adjustable by turning the barrel of the stay. The cam acting locking device shall be of artistic design and made of malleable iron, black finish. (‡See note.) Locking handles with brass strike plate to be attached to hinged units.

PAINTING

10 Casements shall be given one dip coat of English oxide of iron and oil paint (grey in color) in factory, before shipment.

GLAZING

11 All casements shall be glazed on the outside.

12 Glass shall be held in place by Truscon copper-clad, spring steel wire glazing clips. All glass must be bed and face puttied with Truscon Special metal casement putty.

ERECTION

13 All Casements must be tested for alignment before installation.

14 Casements must be held in place during construction by means of wooden wedges so located as not to distort or bulge the sash or frame in any way and set plumb level, and true out of wind.

NOTES

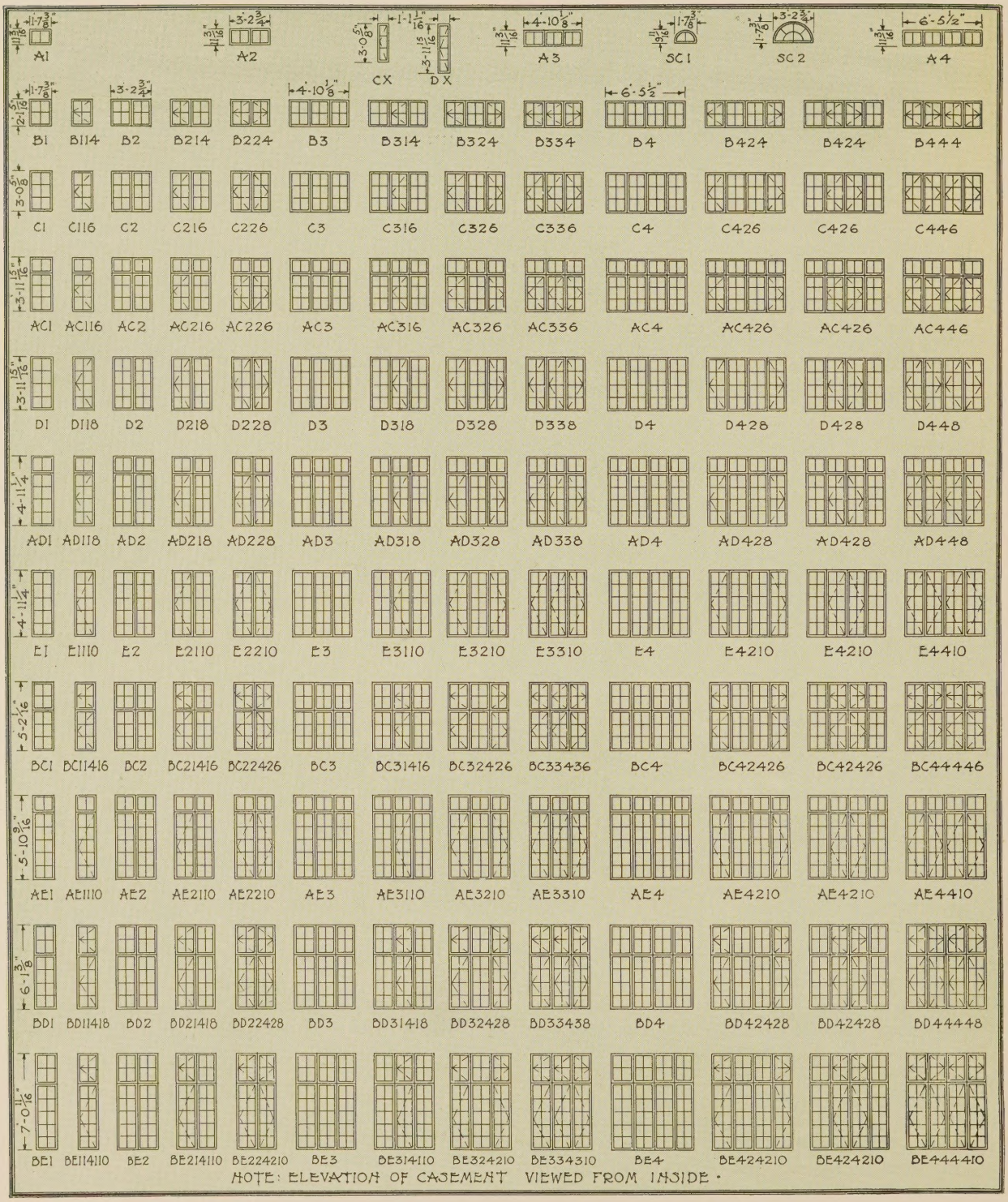
* Muntin bars may be omitted for use of leaded glass of any pattern or for single lights of polished plate or other kind of glass.

† Cleaning hinges can be furnished, except on one light wide casements.

‡ The Flexo-stay permitting operation of the Casement through the screen, locking the Casement in any desired position, can be furnished at a slight additional cost. Bronze hardware can be furnished at a small additional cost.

TYPES AND SIZES
TRUSCON STANDARD STEEL CASEMENTS

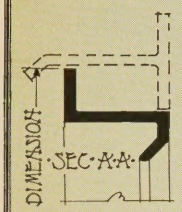
(Drafting Room Standard C-1)

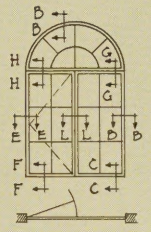


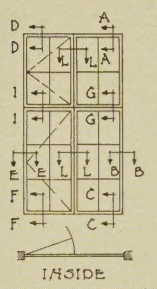
NOTE: ELEVATION OF CASEMENT VIEWED FROM INSIDE.

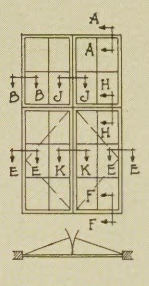
TYPICAL DETAILS
TRUSCON STANDARD STEEL CASEMENTS

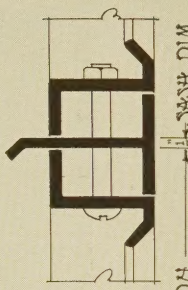
(Drafting Room Standard C-2)

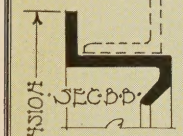


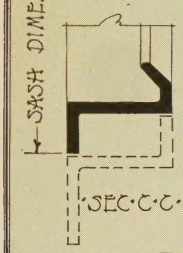


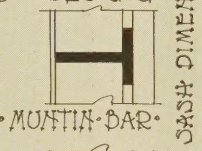








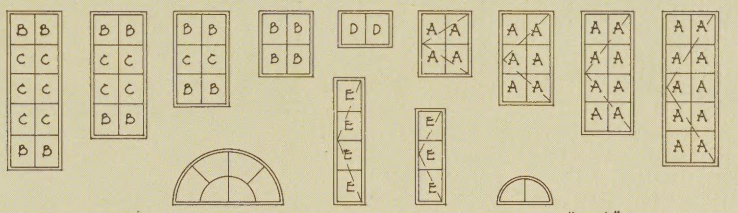




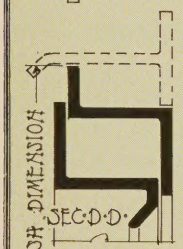
·STANDARD·COMBINATIONS·COVERING·ALL·CONDITIONS·

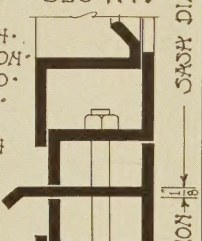
·AA·HEAD·ON·FIXED·UNIT· GG·HORIZONTAL·MULLION·CONNECTING·2·FIXED·UNITS·
·BB·JAMB·ON·FIXED·UNIT· HH·HORIZONTAL·MULLION·CONNECTING·FIXED·
·CC·SILL·ON·FIXED·UNIT· ·TRANSOM·AND·LOWER·UNIT·TO·SWING·
II·HORIZONTAL·MULLION·CONNECTING·2·HINGED·UNITS·

·DD·HEAD·ON·HINGED·UNIT· JJ·CONNECTING·2·FIXED·UNITS·
·EE·JAMB·ON·HINGED·UNIT· KK·CONNECTING·2·HINGED·UNITS·
·FF·SILL·ON·HINGED·UNIT· LL·CONNECTION·BETWEEN·HINGED·AND·FIXED·UNITS·

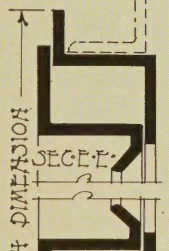


·GLASS·SIZES· A = 8"x11" · B = 8¾"x11¾" · C = 8¾"x11" · D = 8¾"x9½" · E = 10"x11"





·NOTE· DIMENSIONS·SHOWN·ON·SHEET·CI·ARE·SASH·DIMENSIONS···WHEN·HEAD·SECTION·IS·USED·ADD·⅛"INCH···WHEN·SILL·SECTION·IS·USED·ADD·1"INCH·AND·WHERE·HORIZONTAL·MULLION·IS·USED·ADD·⅛"INCH···THESE·DIMENSIONS·TO·BE·ADDED·TO·SASH·DIMENSIONS···HARDWARE·IS·FURNISHED·IN·EITHER·RIGAT·OR·LEFT·HAND·UNLESS·OTHERWISE·SPECIFIED···HARDWARE·WILL·BE·SHIPPED·HANDED·AS·PER·LAYOUT·ON·SHEET·CI···THE·HAND·OF·A·CASEMENT·IS·DETERMINED·BY·THE·POSITION·OF·THE·HINGES·WHEN·LOOKING·FROM·INSIDE···ALL·UNITS·ARE·GLAZED·ON·OUTSIDE···EXTENSION·CLEANER·HINGE·FURNISHED·WHEN·ORDERED·TYPE·B114·ONLY·CAN·BE·SIDE·OR·TOP·HINGED···CONCEALED·FRICTION·STAY·IN·WEATHERING·AT·TOP·OF·SASH·EXCEPT·TOP·HINGED·UNITS·WHEN·IT·WILL·BE·CONCEALED·AT·EITHER·SIDE·

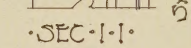


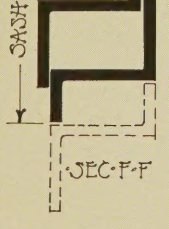
·METHOD·OF·NUMBERING·CASEMENTS·

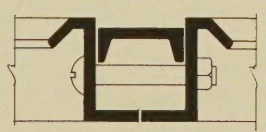
·D228·
·D·LIGHTS·HIGH·
·2·NUMBER·OF·UNITS·WIDE·
·2·NUMBER·OF·VENTS·
·8·NUMBER·OF·LIGHTS·IN·VENT·

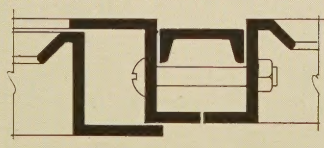
·BC22426·
·B·LIGHTS·HIGH·TRANSOM·
·C·LIGHTS·HIGH·LOWER·SASH·
·2·NUMBER·OF·UNITS·WIDE·
·2·NUMBER·OF·VENTS·IN·TRANSOM
·4·NUMBER·OF·LIGHTS·IN·TRANSOM·VENT·
·2·NUMBER·OF·VENTS·IN·LOWER·SASH·
·6·NUMBER·OF·LIGHTS·IN·LOWER·VENT·

·WHEN·2·LIGHT·HIGH·UNITS·IS·TO·BE·USED·TOP·HINGED·ADD·THE·LETTER·T·TO·TYPE·NUMBER·IE·BC22426·WILL·BE·BTC22426·

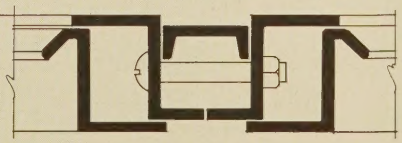






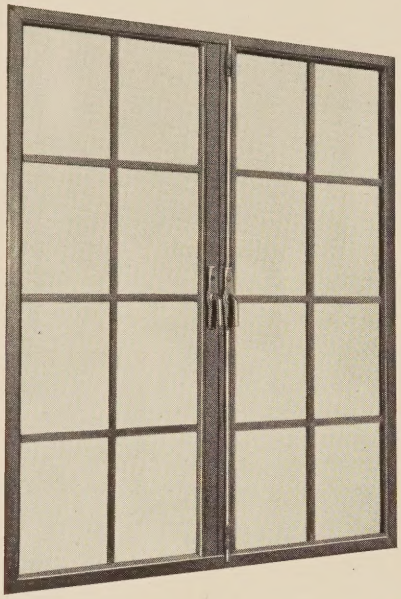


·DETAILS·HALF·SIZE·



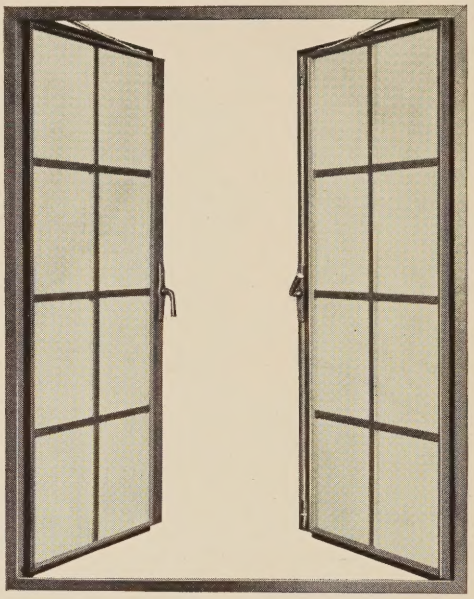
DOUBLE STEEL CASEMENT FOR CLEAR OPENING

A UNIT FOR FIRE ESCAPE WINDOWS

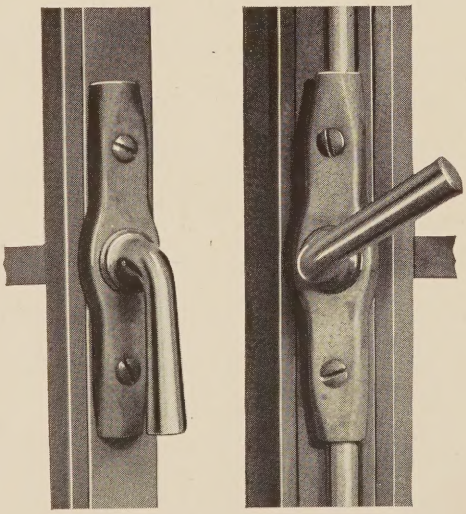


CLOSED

GLASS: 8″ x 11″
WINDOW OPENING:
3′-2¾″ x 3′-11 $\frac{13}{16}$″



PARTLY OPEN



CREMONE BOLT

This bolt placed on the right hand leaf locks the window at the top and bottom. Two astragals attached to the right leaf hold the left hand leaf in shut position and give two-point contact weathering. Dummy handle placed on left hand leaf for opening and closing.

A UNIT FOR FIRE ESCAPE WINDOWS

TRUSCON Double Casements for clear openings are of special design and permit of easy and rapid exit where used for openings on fire escapes. The mullion is entirely eliminated, as the two leaves close on each other. The leaves swing outward and the entire window opening throughout its width and height is open for exit without obstruction.

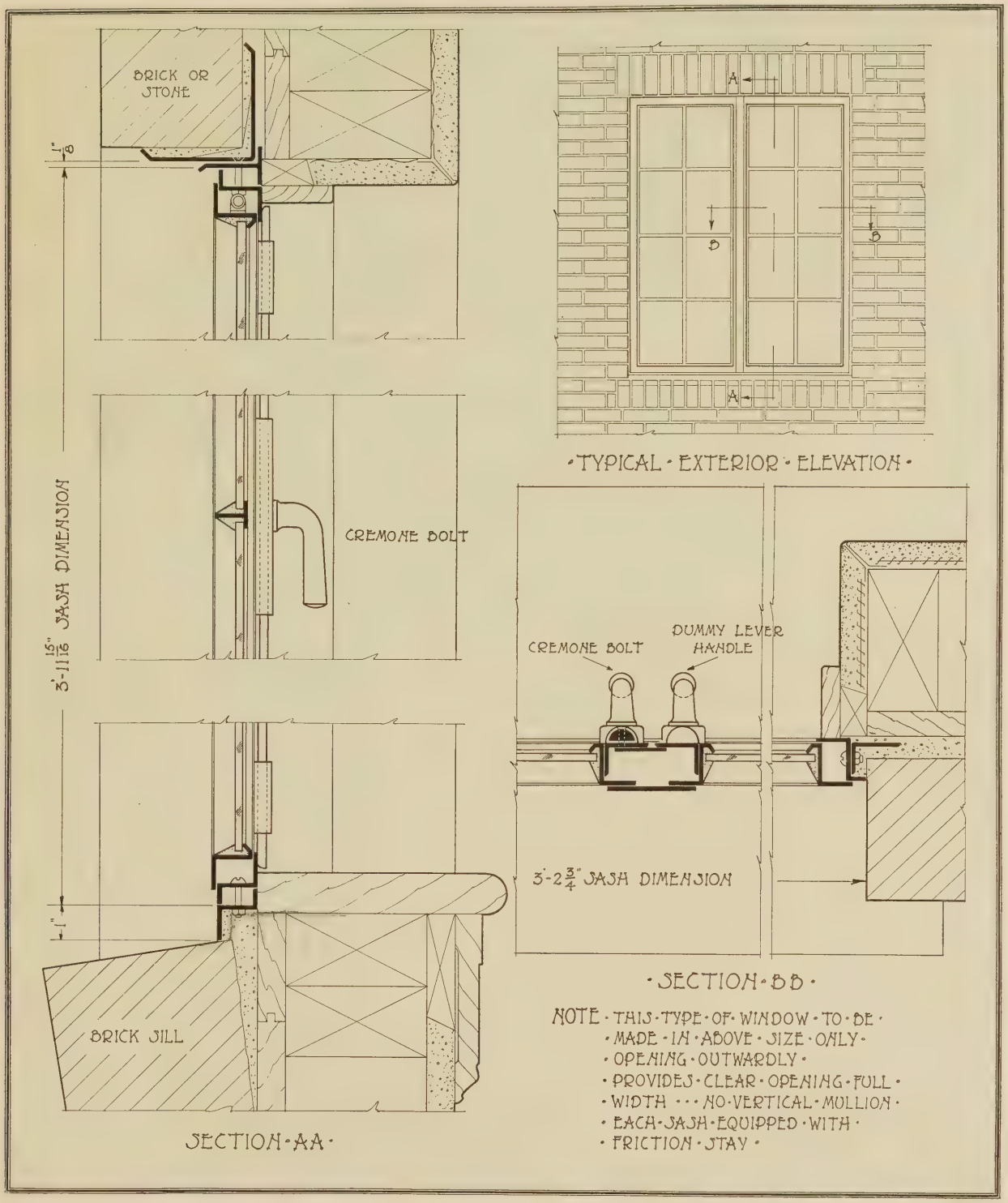
A cremone bolt on the right hand leaf locks the entire window. A turn of the handle releases the cremone bolt and both leaves can be opened. Two-point contact between the two sash assures weathertightness.

Each leaf is equipped with adjustable friction stay concealed between the sash and frame, and holding the window open in any desired position. The hardware is complete and of high quality.

Truscon Fire Escape Windows are manufactured from copper alloy, new billet, hot-rolled steel, and with high grade workmanship throughout.

DOUBLE STEEL CASEMENT FOR CLEAR OPENING

(Drafting Room Standard C-12)

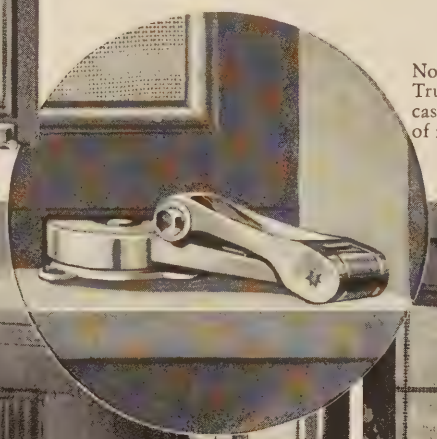

BRICK OR STONE
1" 8
3'-11 15/16" SASH DIMENSION
CREMONE BOLT
1"
BRICK SILL
SECTION · AA ·
A
B
B
A
· TYPICAL · EXTERIOR · ELEVATION ·
CREMONE BOLT
DUMMY LEVER HANDLE
3'-2 3/4" SASH DIMENSION
· SECTION · BB ·
NOTE · THIS · TYPE · OF · WINDOW · TO · BE · MADE · IN · ABOVE · SIZE · ONLY · OPENING · OUTWARDLY · PROVIDES · CLEAR · OPENING · FULL · WIDTH · · · NO · VERTICAL · MULLION · EACH · SASH · EQUIPPED · WITH · FRICTION · STAY ·

THE SIMPLE METHOD OF SCREENING TRUSCON STEEL CASEMENTS

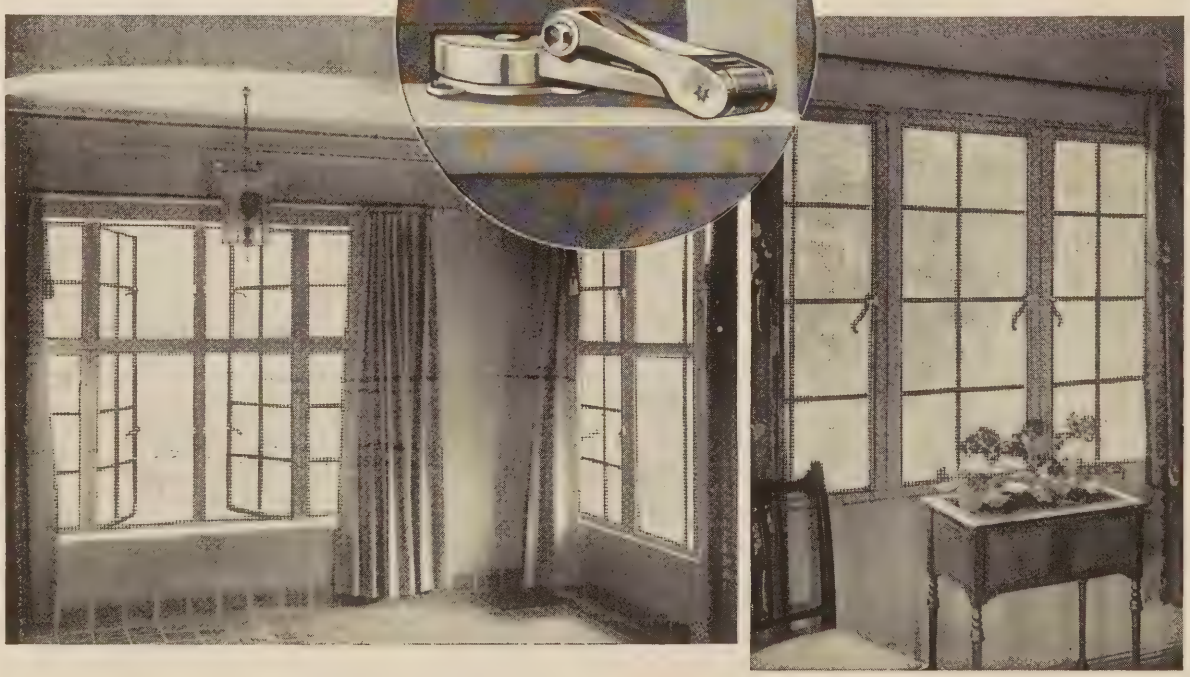
Screens may be attached to meet individual taste. It is common practice to install either sliding or hinged screens on the inside, and the more progressive screen manufacturers provide many inexpensive styles to select from. Inside screening offers decided advantage because it minimizes exposure of costly curtains and drapes in inclement weather, and the screens themselves are entirely protected from the elements. Truscon has adopted a friction stay (flexo-stay) which operates the casement window through a small opening in the bottom of the screen as shown in the detail illustration.

THE BEAUTIFUL EFFECT OF DRAPES

Drapes do not interfere with Truscon Casement Windows because all units open outward. This simplifies the hanging and makes possible any decorative effect. Over-draperies may be placed to give the casement windows an artistic setting without crowding the window opening or reducing ventilation.



Note the simple arrangement of the Truscon Flexo-stay which operates the casement window without the necessity of removing the screen. It is furnished at a slight additional cost.



PRIVATE RESIDENCES

WITH TRUSCON STANDARD STEEL CASEMENTS

(1)

(2)

(3)

1.

CHARLES MAYER, JR., RESIDENCE
INDIANAPOLIS, IND.

Frederick Walleck, Architect
J. W. Darnell, Builder

2.

COUSENS RESIDENCE
GREAT NECK, L. I., NEW YORK

A. Raymond Ellis, Architect
Lewis W. Graves, Builder

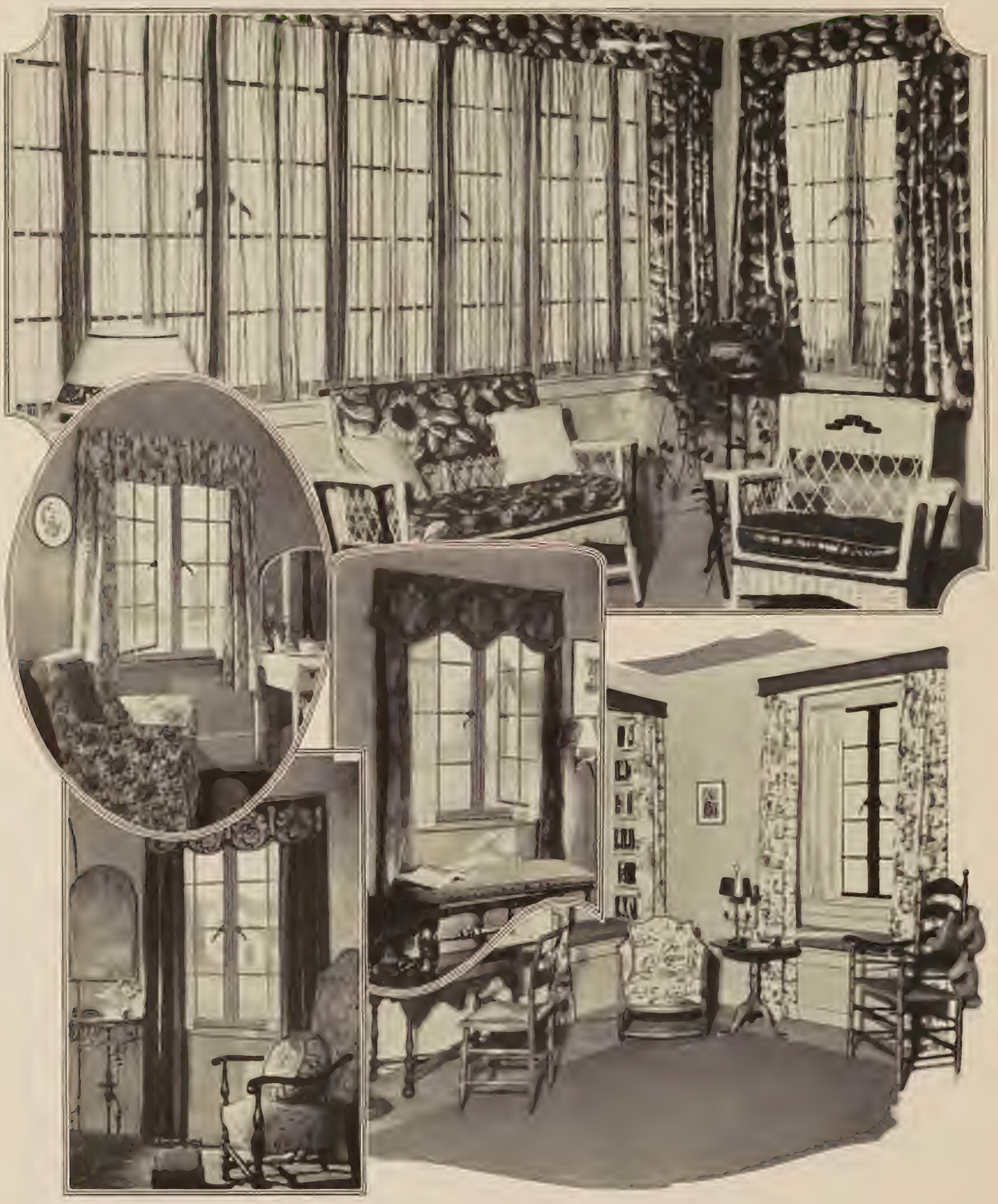
3.

HOBBS RESIDENCE
INDIANAPOLIS, IND.

J. W. Darnell, Architect and Builder

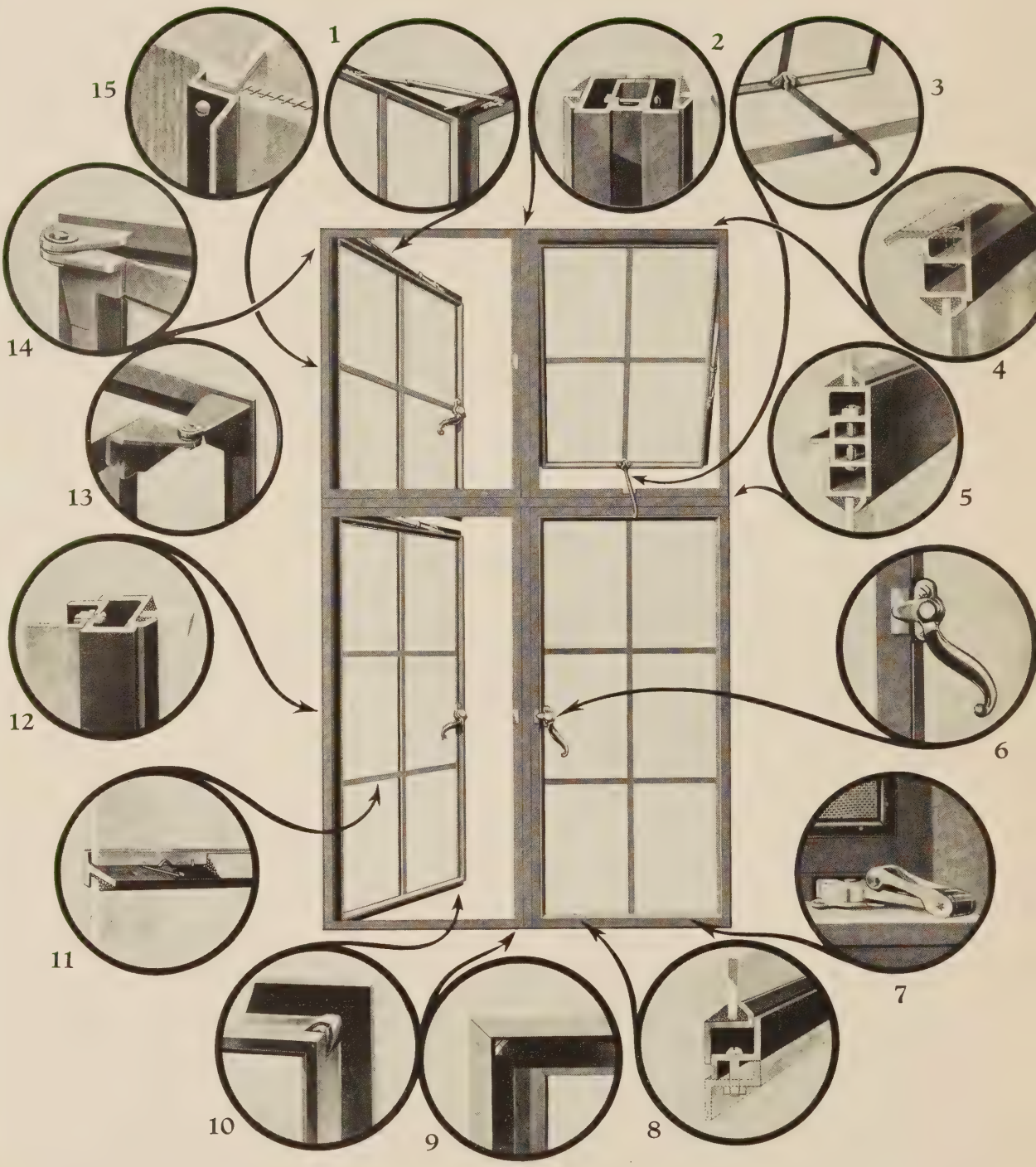
PRIVATE RESIDENCES

WITH TRUSCON STANDARD STEEL CASEMENTS



PRIVATE RESIDENCES

WITH TRUSCON STANDARD STEEL CASEMENTS


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

CONSTRUCTION DETAILS AND HARDWARE

TRUSCON STANDARD STEEL CASEMENTS

1 Adjustable Friction Stay holds the casement open in any desired position. This friction stay is entirely concealed inside the weathering at the top of casement when closed. Shipped unattached.

2 Vertical Mullion. This simple mullion provides a neat panelled appearance inside.

3 Steel Push Bar can be furnished with BT114 unit (without Friction Stay and Cam Handle).

4 Continuous Head Drip showing shape and proper position when attached. Its practical sturdy construction insures proper weathering and joins the units solidly together when assembled in combinations.

5 Transom Bar used when two or more units are combined one above the other, forming a drip over lower sash and providing rigidity in combinations of units.

6 Cam Handles are shipped separately. Furnished in malleable iron for both right and left hand. Solid bronze handles of same design if desired at slight extra cost.

7 Flexo-Stay Adjuster, an exclusive Truscon development for use under screen, operates the casement from the inside without opening screen. Will hold sash open in any desired position. Standard friction stay at top is omitted when flexo-stays are used. Furnished bronze or black finish.

8 Continuous Sub-Sill Section provides extra weather protection at the sill and unites combinations in solid mass.

9 Corners of Frame are mitred and electrically welded with the welds inside concealed from view.

10 Corners of Sash welded same as frame.

11 Spring Wire Glazing Clip. These clips hold glass any thickness firmly in place as well as bed and face putty. Outside glazing gives neat interior finish.

12 Jamb Angle provides secure anchorage into masonry wall construction and makes wooden frame unnecessary.

13 Cleaning Hinges are supplied if desired. Bronze bushed heavy steel pins.

14 Standard Heavy Hinges are spot welded to frame and sash. Bronze bushed heavy steel pins.

15 Anchor Detail. Truscon Steel Casements can be securely anchored in any type of wall construction.

Widths of Window Openings for Truscon Copper Steel Casements

Number of Units	Lights Wide in Each Unit	Total Number of Lights Wide	Width of Window Opening
1	1	1	*1′– 1 1/16″
1	2	2	1′– 7 3/8″
2	2	4	3′– 2 3/4″
3	2	6	4′–10 1/8″
4	2	8	6′– 5 1/2″
5	2	10	8′– 0 7/8″
6	2	12	9′– 8 1/4″
7	2	14	11′– 3 5/8″
8	2	16	12′–11″

*One light wide units only furnished in 3 and 4 light heights without Friction Stay.

Heights of Window Openings for Truscon Copper Steel Casements

Number of Units	Single Unit or Combination of Two Units	Total Number of Lights High	Height of Window Opening
1	Single unit	1	0′–11 3/16″
1	Single unit	2	2′– 1 5/16″
1	Single unit	3	3′– 0 5/8″
1	Single unit	4	3′–11 15/16″
2	3 lights and 1 light	4	3′–11 15/16″
1	Single unit	5	4′–11 1/4″
2	4 lights and 1 light	5	4′–11 1/4″
2	3 lights and 2 lights	5	5′– 2 1/16″
2	5 lights and 1 light	6	5′–10 9/16″
2	4 lights and 2 lights	6	6′– 1 3/8″
2	5 lights and 2 lights	7	7′– 0 11/16″

PRIVATE RESIDENCES

WITH TRUSCON STANDARD STEEL CASEMENTS

1 AND 3.

JULIAN T. LEONARD RESIDENCE
BROOKLINE, MASS.
J. Robertson Ward, Architect
Archie Livingston, Builder

2.

MR. J. E. THOMPSON'S RESIDENCE
LINCOLN, NEBRASKA
Miller & Craig, Architects
Adolph Hanson, Contractor

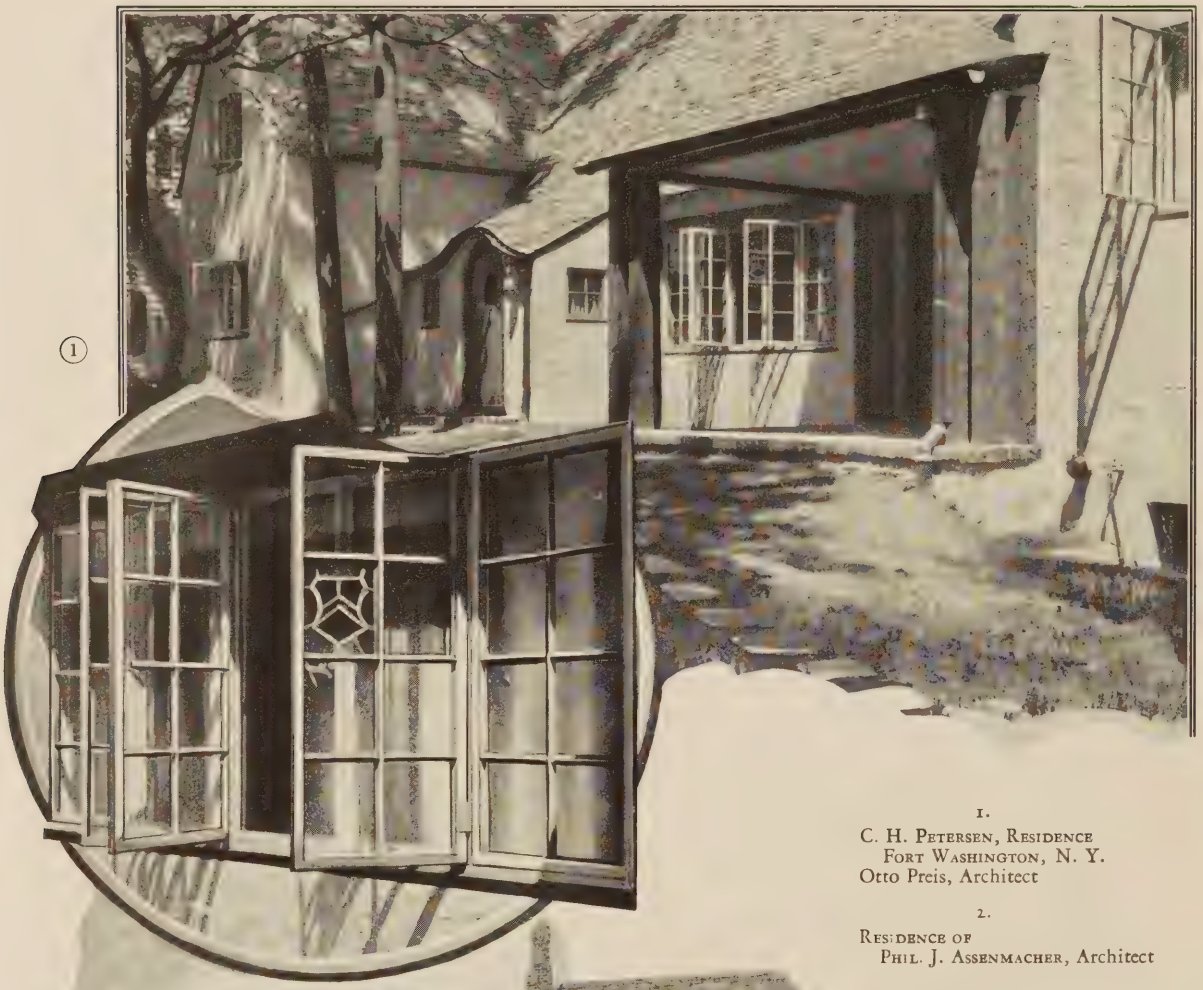
PRIVATE RESIDENCES

WITH TRUSCON STANDARD STEEL CASEMENTS

Residences, St. Petersburg, Fla., McCrary & Drummond, Architects

PRIVATE RESIDENCES

WITH TRUSCON STANDARD STEEL CASEMENTS

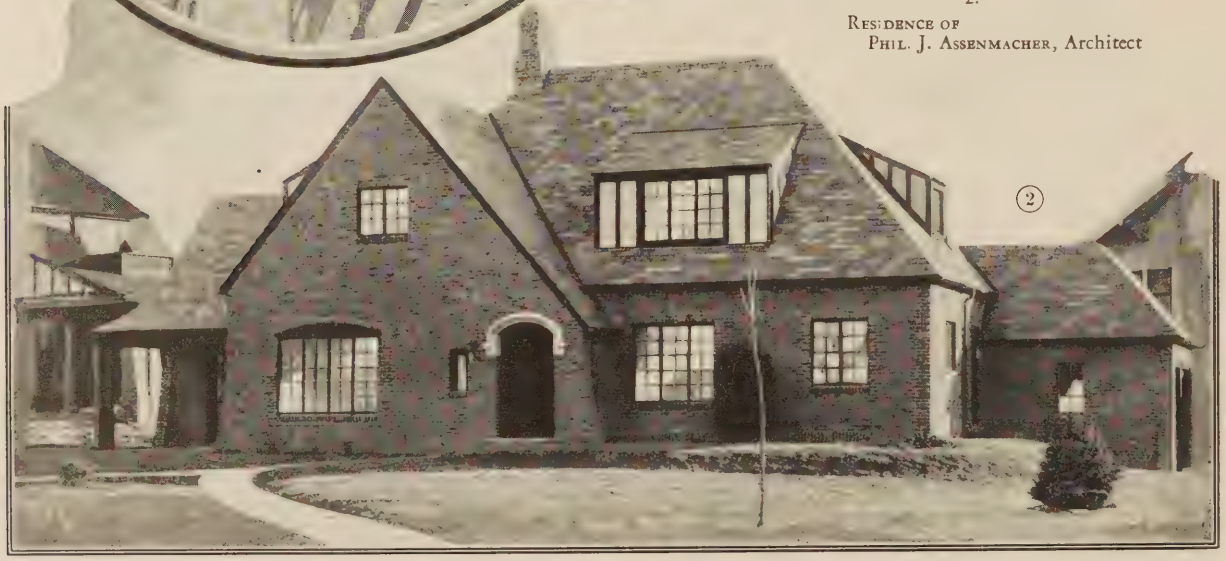


1.

C. H. Petersen, Residence
Fort Washington, N. Y.
Otto Preis, Architect

2.

Residence of
Phil. J. Assenmacher, Architect



PRIVATE RESIDENCES

WITH TRUSCON STANDARD STEEL CASEMENTS

RESIDENCE, LINCOLN, NEBRASKA
Miller & Craig, Architects

PRIVATE RESIDENCES

WITH TRUSCON STANDARD STEEL CASEMENTS

1

1.
C. C. Smith Residence
and 3
P. O. Draper Residence
Kansas City, Missouri
Edward W. Tanner, Architect
J. C. Nichols Investment Co.
Builders

2.
Dr. Murphy's Residence
Washington, D. C.
Kathryn Harris, Architect
G. G. Loehler Company, Contractors

2

3

PRIVATE RESIDENCES

WITH TRUSCON STANDARD STEEL CASEMENTS

1

HARRY MORGAN RESIDENCE
LAKEWOOD, CLEVELAND, OHIO
J. J. Steffins, Architect

2.

RESIDENCE
OMAHA, NEBRASKA
Payne & Sons, Architects

3.

A. G. WILLS RESIDENCE
INDIANAPOLIS, IND
A. G. Wills, Architect

4.

RESIDENCE AT DETROIT, MICH.

PRIVATE RESIDENCES

WITH TRUSCON STANDARD STEEL CASEMENTS

1.

D. F. Snyder Residence
N. Tarrytown, New York

Geo. Warhurst, Architect

2.

Morse Residence
White Plains, New York

Geo. Warhurst, Architect

3.

D. W. Evans Residence
Kansas City, Mo.

Alice Walton, Architect

APARTMENT BUILDINGS

WITH TRUSCON STANDARD STEEL CASEMENTS

(1)

1.
PARK APARTMENTS
OMAHA, NEBRASKA
M. J. Lahr, Architect
H. J. Skognan & Sons, Builders

2.
BROADWIN APARTMENTS
COLUMBUS, OHIO
Ferro Concrete Construction Co.
Builders

3.
IROQUOIS APARTMENTS
BIRMINGHAM, ALABAMA
Iroquois Investment Co.
Architects & Engineers

(3)

(2)

APARTMENT BUILDINGS

WITH TRUSCON STANDARD STEEL CASEMENTS

Upper Illustration:

NOTTINGHAM APARTMENT, OMAHA, NEBRASKA

M. J. Lahr, Architect

H. J. Skognan & Sons, Builders

Lower Illustration:

HALSTEAD ARMS APARTMENT
MAMARONECK, N. Y.

Ryemere Company, Inc., Builders

APARTMENT BUILDINGS

WITH TRUSCON STANDARD STEEL CASEMENTS

The Dorset Apartment
and
The Drake Apartment
New York City

Emory Roth, Architect
Bing & Bing, Contractors

Locust Arms Apartments
New Rochelle, N. Y.

E. D. Parmellee, Architect
Thomas J. Steen, Builder

CLUBS AND HOSPITALS

WITH TRUSCON STANDARD STEEL CASEMENTS

1

2

3

1.

Dr. Homan Sanitarium
El Paso, Texas
O. H. Thorman, Architect
Jennings Construction & Engineering Co., Contractors

2.

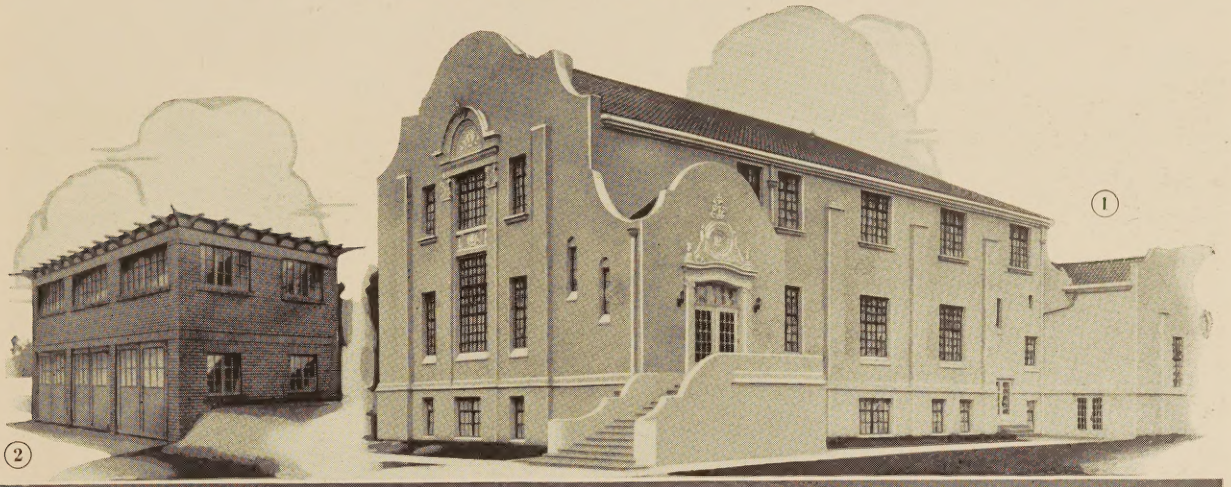
Squaw Creek Country Club
Youngstown, Ohio
John Samuels, Architect

3.

Skokie Country Club
Glencoe, Illinois
J. S. Pole, Architect

A GREAT VARIETY OF BUILDINGS

WITH TRUSCON STANDARD STEEL CASEMENTS



(1)

(2)

(3)

1.

WESTMINISTER PRESBYTERIAN CHURCH
WICHITA, KANSAS

Don Schuler, Architect

2.

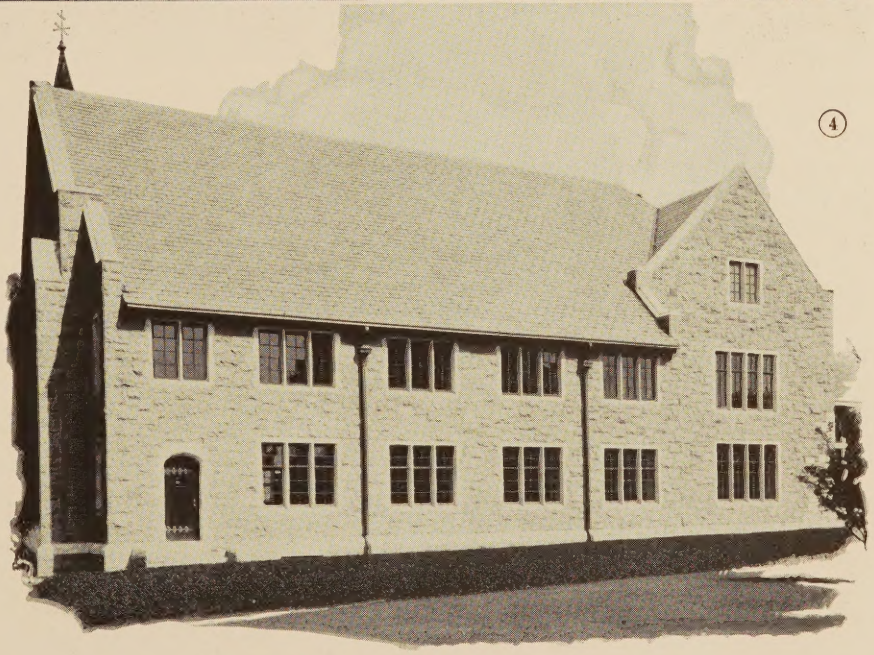
Casements for convenience and Truscon Steel Doors for safety in a garage building.

3.

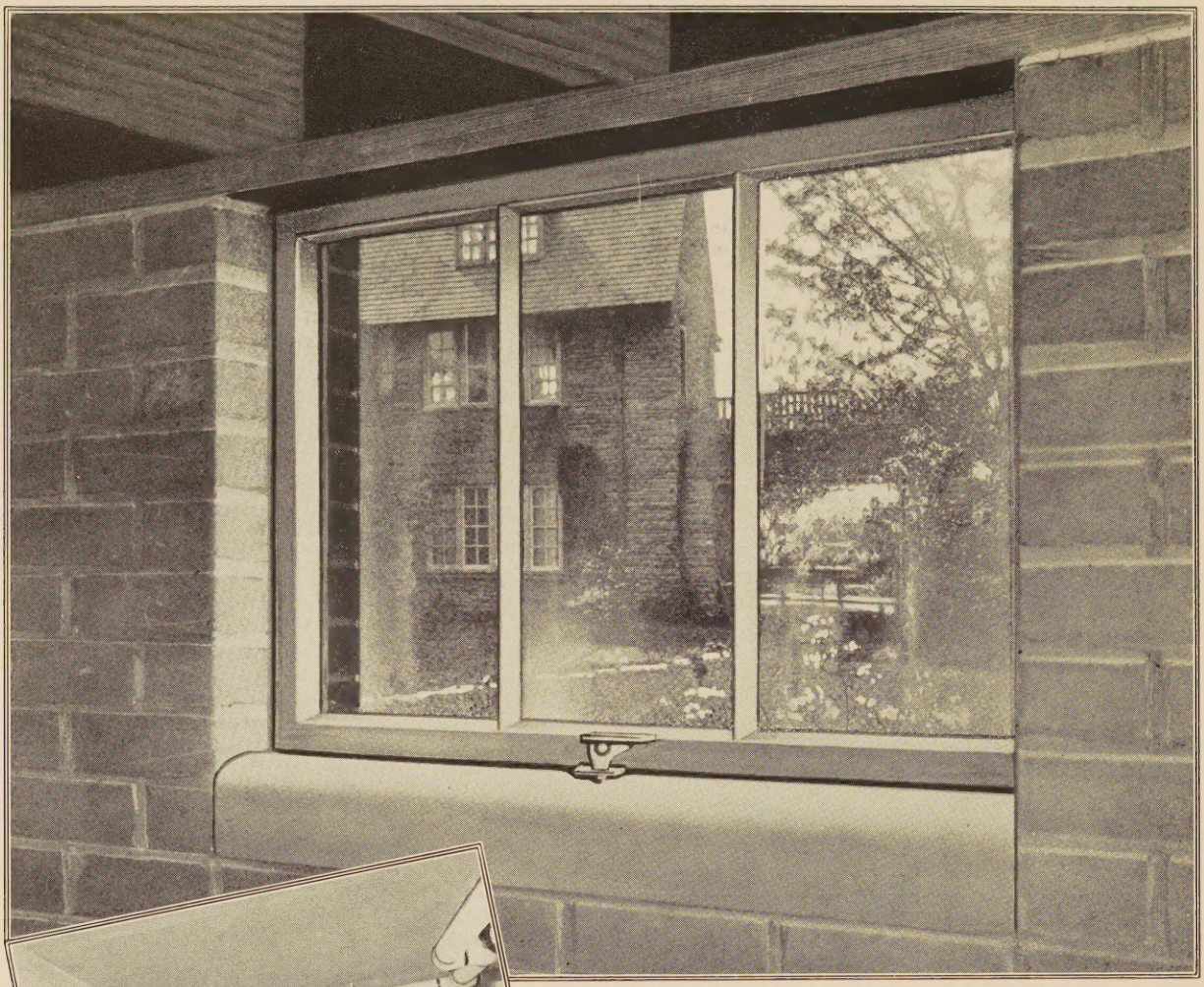
In a Laboratory abundant daylight and maximum ventilation are essential requirements.

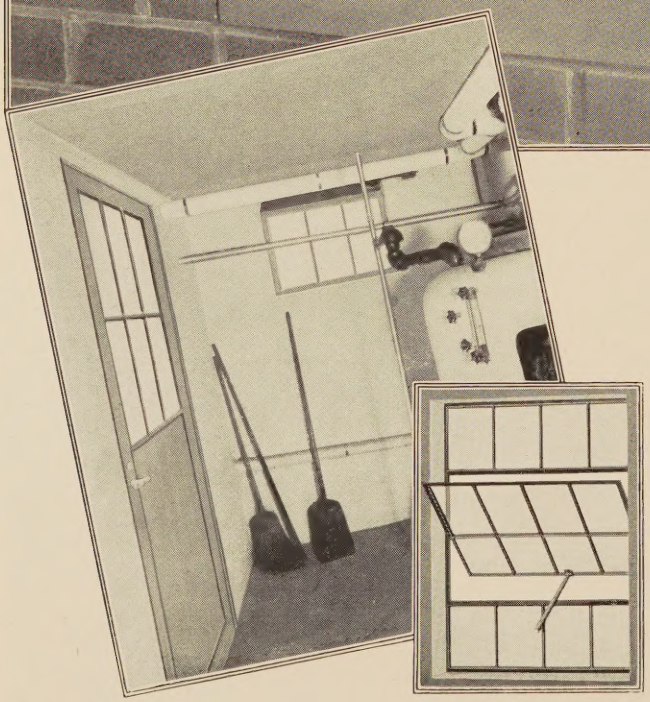
4.

PARISH HOUSE
PROSPECT STREET PRESBYTERIAN CHURCH, TRENTON, N. J.
Hill & Gollner, Architects
S. W. Mather & Sons, Builders



(4)





FOR THE BASEMENT AND THE GARAGE

Truscon Copper Steel Basement Windows: Installed in any type of foundation. Open and close easily; readily screened; never stick, leak or need repairs. Neat and trim in appearance; made of rust-resisting copper steel. Three standard sizes with hardware attached. Cost no more than ordinary windows and add 50 to 80% more daylight.

Truscon Standard Steel Doors: Swing and sliding, single or double units. All doors are equipped with suitable hardware.

Truscon Pivoted Steel Windows: Utility windows in six popular sizes; delivered ready for installation. Erection is simple. Hardware furnished.

OTHER TRUSCON HOME BUILDING PRODUCTS

Metal Lath	Steel Joists	Welded Steel Fabric
Corner Beads	Steel Lintels	Curb Bars

Truscon Steel Company, Youngstown, Ohio

ESTABLISHED 1903

FORM NO. 716-5M-3-27

TRUSCON
STEEL CASEMENTS